

AMENDMENTS TO THE CLAIMS

Please cancel claims 1 – 5, 8, and 10 – 15, and amend claims 6 and 7, as follows:

Claims 1-5 (Canceled)

6. (Currently Amended) A locking mechanism, comprising:

a guiding plate, movable in a first direction;

a second spring mounted in said first direction and supports said guiding plate movable between a release position where said second spring is relieved, and a safety position where said second spring is pressed; said guiding plate is being formed with a hole;

a locking plate, mounted to said guiding plate to be movable in a second direction perpendicular to said first direction, and movable in accompany with said guiding plate in said release position and said safety position in said first direction, wherein said guiding plate is formed with a pair of rails extending in said first direction; said locking plate being formed with rail slots for receiving said rails and movable in said second direction;

a third spring mounted in said second direction and ~~supports~~ supporting said locking plate ~~in to be~~ movable in a latched position where said third spring is relieved, and a unlatched position where said third spring is pressed; said locking plate is being formed with a stopping portion correspondent to said hole of the guiding plate, and at least a locking hole;

a stopping rod, mounted in said ~~first~~ first direction and correspondent to said hole and said stopping portion; said stopping rod ~~comes~~ coming into said hole and said stopping portion in said safety position, and released from said stopping portion in said release position; and

at least a hook, correspondent to said hole of the guiding plate and ~~supported by passing through~~ a first spring opposed to a pressing force of said second spring; wherein said hook ~~presses said first spring and~~ hooks on said locking hole in said latched position by force of said second spring; wherein said locking plate is unmovable in said second direction when said first spring presses said second spring and moves said locking plate into said safety position; and wherein said locking plate is retrieved to said release position when an external force ~~applies on~~ is applied to said first spring to let said second spring release said locking plate to be movable in said second ~~direction;~~ direction, and then said hook is released from said locking plate by force of said first spring when an external force ~~applies on~~ is applied to said locking plate to press said third spring and move to said unlatched position.

7. (Currently Amended) The locking mechanism according to claim 6, further ~~comprises~~ comprising a pair of guiding rods for guiding said guiding plate and said locking plate moving along said first direction; lengths of said guiding rods is being longer than that of said stopping rod.

8. (Canceled)

9. (Original) The locking mechanism according to claim 6 wherein said locking hole is formed with a slope at one side thereof and extended in said first direction.

Claims 10-15 (Canceled)